

Docket No.: K-090C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Young-Joon SONG

Serial No.: 09/525,446

Filed: March 14, 2000

For: PILOT SIGNALS FOR SYNCHRONIZATION AND/OR CHANNEL  
ESTIMATION



Group Art Unit: 2749

TRANSMITTAL OF CERTIFIED PRIORITY DOCUMENTS

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

At the time the above application was filed, priority was claimed based on the following applications:

Korean Patent Application Nos. 99/8630 filed March 15, 1999; 99/12856 and 99/12857  
filed April 12, 1999; 99/15722 filed April 30, 1999; 99/19505 and 99/19506 filed  
May 28, 1999; 99/19610 filed May 29, 1999; 99/23140 and 99/23141 filed  
June 19, 1999; 99/23568 filed June 22, 1999; 99/23937 filed June 24, 1999; 99/26689 filed  
July 2, 1999 and 99/34212 filed August 18, 1999.

A copy of each priority application listed above was filed in Application Serial No. 09/373,703. A copy of Korean Application No. 99/34212 will be filed in Application Serial No. 09/525,447 at a later date.

Respectfully submitted,  
FLESHNER & KIM, LLP

Daniel Y.J. Kim  
Registration No. 36,186

P. O. Box 221200  
Chantilly, Virginia 20153-1200  
703 502-9440

Date: July 17, 2000

DVK/kan

*Section 3*

Docket No.: K-090C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*[Handwritten signature]*  
*3*

In re Application of

Young-Joon SONG



Serial No.: 09/525,446

: Group Art Unit: 2749

Filed: March 14, 2000

For: PILOT SIGNALS FOR SYNCHRONIZATION AND/OR CHANNEL  
ESTIMATION

**REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**FILING DATE GRANTED**

**Box Missing Parts**

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

In reply to the Notice of Missing Parts of Application dated May 17, 2000, submitted herewith are the following documents for filing in the above-referenced application:

1. Declaration and Power of Attorney.
2. Copy of Form PTO-1533 (Notice of Missing Parts).
3. Filing Fee of \$690.00.
4. Surcharge of \$130.00.
5. Assignment and Recordation Cover Sheet, and fee.
6. Preliminary Amendment.
7. Claim for Priority.

A check in the amount of \$820.00 for 3 and 4 indicated above (Check #9004) is enclosed.

Serial No.: 09/525,446

Attorney Docket No.: K-090C

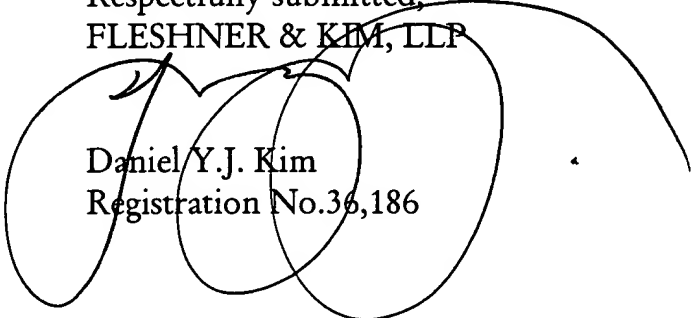
A check in the amount of \$40.00 (Check #9005), representing the recordation fee for the Assignment is enclosed.

It is requested that an Official Filing Receipt showing the data contained herewith now be issued.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
FLESHNER & KIM, LLP

Daniel Y.J. Kim  
Registration No. 36,186

A large, stylized handwritten signature in black ink, consisting of several overlapping loops, is written over the typed name and registration number.

P.O. Box 221200  
Chantilly, VA 20153-1200  
(703) 502-9440  
Date: July 17, 2000  
DYK/kam

## FORMALITIES LETTER



\*OC000000005122906\*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/525,446	03/14/2000	Young-Joon Song	K-090C

Daniel Y J Kim  
Fleshner & Kim LLP  
P O Box 221200  
Chantilly, VA 20153-1200



Date Mailed: 05/17/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 820.**

---

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/18/2000 BHABTEM 00000075 09525446

01 FC:101  
02 FC:105690.00 OP  
130.00 OP



Bib Data Sheet


**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

<b>SERIAL NUMBER</b> 09/525,446	<b>FILING DATE</b> 03/14/2000 <b>RULE</b> -	<b>CLASS</b> 370	<b>GROUP ART UNIT</b> 2749	<b>ATTORNEY DOCKET NO.</b> K-090C
------------------------------------	---	---------------------	-------------------------------	--------------------------------------

**APPLICANTS**  
 Young-Joon Song, Kyongki-Do, KOREA, REPUBLIC OF;

**\*\* CONTINUING DATA \*\*\*\*\***  
 THIS APPLICATION IS A CIP OF 09/373,703 08/13/1999  
 WHICH IS A CIP OF 09/376,373 08/18/1999  
 WHICH IS A CIP OF 09/525,444 03/14/2000  
 WHICH IS A CIP OF 09/525,448 03/14/2000  
 WHICH IS A CIP OF 09/525,447 03/14/2000  
 WHICH CLAIMS BENEFIT OF 60/136,763 05/28/1999

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***  
 REPUBLIC OF KOREA 8630/1999 03/15/1999  
 REPUBLIC OF KOREA 12857/1999 04/12/1999  
 REPUBLIC OF KOREA 12856/1999 04/12/1999  
 REPUBLIC OF KOREA 15722/1999 04/30/1999  
 REPUBLIC OF KOREA 19506/1999 05/28/1999  
 REPUBLIC OF KOREA 19505/1999 05/28/1999  
 REPUBLIC OF KOREA 19610/1999 05/29/1999  
 REPUBLIC OF KOREA 23141/1999 06/19/1999  
 REPUBLIC OF KOREA 23140/1999 06/19/1999  
 REPUBLIC OF KOREA 23568/1999 06/22/1999  
 REPUBLIC OF KOREA 23937/1999 06/24/1999  
 REPUBLIC OF KOREA 26689/1999 07/02/1999  
 REPUBLIC OF KOREA 99/8630 03/15/1999  
 REPUBLIC OF KOREA 99/12856 04/12/1999  
 REPUBLIC OF KOREA 99/12857 04/12/1999  
 REPUBLIC OF KOREA 99/15722 04/30/1999  
 REPUBLIC OF KOREA 99/19505 05/28/1999  
 REPUBLIC OF KOREA 99/19506 05/28/1999  
 REPUBLIC OF KOREA 99/19610 05/29/1999  
 REPUBLIC OF KOREA 99/23140 06/19/1999  
 REPUBLIC OF KOREA 26689/1999 07/02/1999

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
**\*\* 05/17/2000**

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature Initials	<b>STATE OR COUNTRY</b> KOREA, REPUBLIC OF	<b>SHEETS DRAWING</b> 52	<b>TOTAL CLAIMS</b> 6	<b>INDEPENDENT CLAIMS</b> 3
--	---	-----------------------------	--------------------------	--------------------------------

**ADDRESS**

~~Daniel Y J Kim~~  
~~Fleshner & Kim LLP~~  
~~P O Box 221200~~  
~~Chantilly, VA 20153-1200~~

34610

**TITLE**

Pilot signals for synchronization and/or channel estimation

**FILING FEE  
RECEIVED**  
820

FEES: Authority has been given in Paper  
No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
No. \_\_\_\_\_ for following:

☐ All Fees☐ 1.16 Fees ( Filing )☐ 1.17 Fees ( Processing Ext. of  
time )☐ 1.18 Fees ( Issue )☐ Other \_\_\_\_\_☐ Credit